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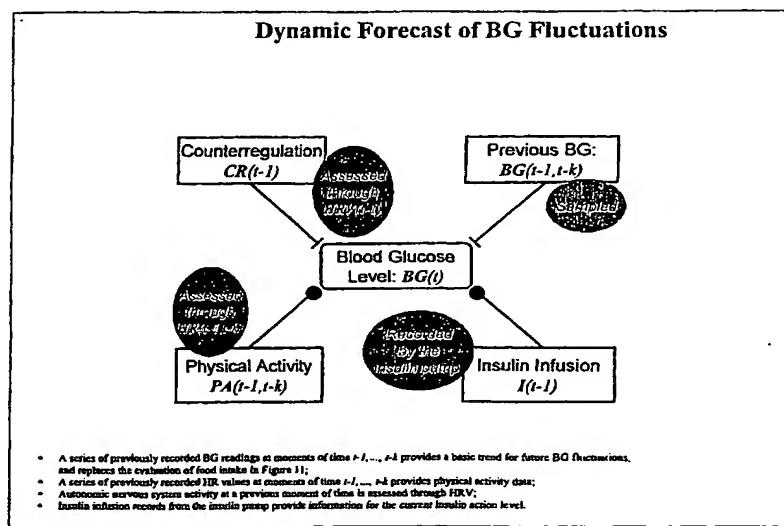
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(54) Title: METHOD AND APPARATUS FOR PREDICTING THE RISK OF HYPOGLYCEMIA



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- (57) Abstract: The invention relates to a method which utilizes blood glucose ("BG") sampling, insulin infusion/injection records, heart rate ("HR") information and heart rate variability ("HRV") information to estimate BG in the near future and to estimate of the risk of the onset of hypoglycemia. The invention also relates to an apparatus for predicting BG levels and for assessing the risk of the onset of hypoglycemia in the near future. The invention is based on two predetermined bio-mathematical routines: a network model of BG fluctuations and a BG profile for assessment of the risk of hypoglycemia.